## ORIGINAL



1	BEFORE THE ARIZONA CORPORA POR				
2	COMMISSIONERS  JEFF HATCH-MILLER – Chairman  WILLIAM A. MUNDELL  2007 JAN - 2 P 3: 47				
4	MIKE GLEASON A7 CORP COMMISSION				
5	KRISTIN K. MAYES  GARY PIERCE  DOCUMENT CONTROL				
6					
7	IN THE MATTER OF THE APPLICATION FOR ) DOCKET NO. W-02450A-04-0837				
8	EXTENSION OF WATER UTILITY OF )				
9	GREATER TONOPAH, INC., AN ARIZONA ) CORPORATION, FOR AN EXTENSION OF ITS )				
10	CERTIFICATE OF CONVENIENCE AND ) NOTICE OF FILING IN COMPLIANCE WITH				
11	PORTIONS OF SECTIONS 15, 17 AND 22, T2N, ) R5W, G&SRB&M, MARICOPA COUNTY, )				
12	ARIZONA (AKA THE HASSAYAMPA RANCH )				
13	DEVELOPMENT). )				
14					
15	As required by Decision No. 68307, Water Utility of Greater Tonopah, Inc. ("WUGT")				
16	s comments and notice of correction of production and storage deficiencies.				
17	RESPECTFULLY SUBMITTED this and day of January 2007.				
18	ROSHKA DEWULF & PATTEN, PLC				
19					
20	By Tempo Ball				
21	By North Michael W. Patten				
22	One Arizona Center 400 East Van Buren Street, Suite 800				
23	Phoenix, Arizona 85004				
24					
25	Arizona Corporation Commission  DOCKETED				
26	JAN <b>0 3 20</b> 07				
27	DOCKETED BY O				

ROSHKA DEWULF & PATTEN, PLC

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## WUGT Docket W-02450A-04-0837

Demonstrate that the storage and production deficiencies outlined in the Company's system improvement plan submitted to staff on September 9,2005 be corrected not later than December 31,2006.

## Response:

Global Water Resources acquired West Maricopa Combine on 11 July 2006. Included in this transaction was the Water Utility of Greater Tonopah (WUGT). During the course of the due diligence process, it was abundantly clear that the systems associated with WUGT are generally small, poorly designed systems. The size of these systems, ranging from 2 to 140 connections, has resulted in an ad hoc approach to operations, engineering, planning and administration. Notwithstanding the area's potential for growth, little time or effort was placed on planning for these systems. It is Global's understanding that the intent of the Staff recommendation was to assure that sufficient storage and production capacity exists in the Sunshine/Dixie systems.

The following activities are being undertaken to address capacity issues identified by Staff in Decision 68307:

- 1. Originally, WUGT had suggested that an interconnect between the Sunshine and Dixie systems be advanced as a means of augmenting supply and effecting a blended arsenic concentration below the required standard (10 ppb). This option was estimated in the spring of 2006 to be in the order of \$450,000. The former owners of the system elected at that time to shelve the concept of an interconnect in favor of a stand alone treatment system for Sunshine. On acquiring the utility, Global was informed that the treatment option was the preferred method. Accordingly, Special Use Permits have been sought for the installation of an Arsen-X absorption media system. This system is expected to be on-line in July 2007.
- 2. The Sunshine system consists of 140 connections serviced with a well (140 gpm) and a 100,000 gallon storage tank. Notionally this is sufficient capacity for he population served. AAC R18-5-503.B states that storage plus firm capacity must be equal to or greater than the average day in the peak month. As there is no redundant supply associated with the Sunshine system, the storage capacity must be 79,800 gallons. This is derived from:

Max Month (June 2005) 1,368,000 gallons Average Day in Max Month 45,600 gallons per day Number of units June 2005 80

Number of Units November 2006 140

Storage Requirement 45,600 x (140/80) 79,800 gallons

- 3. With the acquisition, Global has required that WMC staff visit each system on a daily basis to determine the operational availability and status of tank levels, system pressures, etc. The result has been an increase in diligence associated with the performance of the systems and an increased situational awareness of the status of the system.
- 4. Arsenic treatment strategies for WUGT include the following:

System	Number of Connections (Nov 2006)	Treatment Type	Estimated Completion Date
Roseview	17	POU	Dec 2007
West Phoenix 1	3	POU	Dec 2007
West Phoenix 3	0	POU	Dec 2007
West Phoenix 6	23	Activated Alumina	Mar 2007
Tufte	7	POU	
Buckeye Ranch/B&D	94	Arsen-Xnp	Sep 2007
Sunshine	140	Arsen-Xnp	Jul 2007